

We Claim:

1. A formulation for suppressing and killing mold which provides for air borne administration by use of a fogger device comprising:
 - (a) an active mold suppressing ingredient selected from the group consisting of a citrus fruit seed extract, a citrus fruit skin extract, oregano extract,
5 oregano oil, lemon grass extract, olive leaf extract, and lavender extract; and
 - (b) a carrier which has been formulated to provide for the airborne administration of said active ingredient using a fogging device.
2. The formulation for suppressing and killing mold of Claim 1 wherein the citrus fruit seed extract is selected from the group of citrus fruit consisting of grapefruit, lemons, limes, and tangerines.
3. The formulation for suppressing and killing mold of Claim 2 wherein the citrus fruit seed extract is grapefruit seed extract.
4. The formulation for suppressing and killing mold of Claim 3 wherein the grapefruit seed extract is 60% natural grapefruit quaternary compound and 40% vegetable glycerin.

5. The formulation for suppressing and killing mold of Claim 4 further comprising propylene glycol.

6. The formulation for suppressing and killing mold of Claim 5 further comprising distilled water.

7. The formulation for suppressing and killing mold of Claim 6 wherein the constituents are present as follows:

- (a) 0.005% to 98% of 60% natural grapefruit quaternary compound and 40% vegetable glycerin;
- 5 (b) 1.0 to 20% distilled water; and
- (c) 2% to 98 % propylene glycol.

8. The formulation for suppressing and killing mold of Claim 6 wherein the constituents are present as follows:

- (a) 0.75% of 60% natural grapefruit quaternary compound and 40% vegetable glycerin;
- 5 (b) 19.25% distilled water; and
- (c) 80 % propylene glycol.

9. The method of suppressing and killing mold comprising dispersing fine particles of a mold suppressant formulation in an area to be treated using an apparatus which provides for air borne dispersal of said mold suppressant formulation.

10. The method of suppressing and killing mold of Claim 9 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is one which generates an aerosol, a fog, a fine spray, or mist of air borne mold suppressant.

11. The method of suppressing and killing mold of Claim 10 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is selected from the group consisting of foggers, ultrasound foggers, and humidifiers.

12. The method of suppressing and killing mold of Claim 9 wherein said apparatus which provides for air borne dispersal of said mold

suppressant formulation is a fogger selected from the group consisting of commercially available foggers.

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13. The method of suppressing and killing mold of Claim 9 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is a fogger selected from the group consisting of the Lite F/X Fog, the Lite F/X Commander Fog machine, the My-T-Lite Model 2300 fogger, and the Flex-A-Lite Model 2600 fogging machine.

14. The method of suppressing and killing mold of Claim 13 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is a Lite F/X fogger.

15. The method of suppressing and killing mold of Claim 14 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is a Lite F/X fogger, and said mold suppressant formulation comprises:

- 5 (a) 0.005% to 98% of 60% natural grapefruit quaternary compound and 40% vegetable glycerin;
- (b) 1.0 to 20% distilled water; and
- (c) 2% to 98 % propylene glycol.

16. The method of suppressing and killing mold of Claim 14 wherein said apparatus which provides for air borne dispersal of said mold suppressant formulation is a Lite F/X fogger, and said mold suppressant formulation comprises:

- 5 (a) 0.75% of 60% natural grapefruit quaternary compound and 40% vegetable glycerin;
- (b) 19.25% distilled water; and
- (c) 80 % propylene glycol.

17. The method of suppressing and killing mold of Claim 16 wherein said fogger is used to disperse approximately one liter of mold suppressant formulation for every 4500 square feet of area to be treated.

18. The method of suppressing and killing mold of Claim 16 wherein said fogger is operated for about ten minutes for each 600 square feet of area to be treated.